

643, 227

L Number	Hits	Search Text	DB	Time stamp
1	0	(435//7.21).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:24
2	0	(435//7.21).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:24
3	1546	(435/7.21).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:24
4	1178	(435/7.94).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:24
5	574	(435/7.95).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:25
6	248	(436/506).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:25
7	124	(436/507).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:25
8	2996	(436/518).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:25
9	117	(436/827).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:25
10	5256	((435/7.21).CCLS.) or ((435/7.94).CCLS.) or ((435/7.95).CCLS.) or ((436/506).CCLS.) or ((436/507).CCLS.) or ((436/518).CCLS.) or ((436/827).CCLS.)	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:26
11	21	sialoganglioside	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:26
12	14	sialo adj ganglioside	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:27
13	0	sialolipid	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:27
14	0	sialo adj lipid	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:27
15	0	sialo adj tn	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:28
16	50	sialyl adj tn	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:28

17	5983	stn	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:29
18	357	neuac	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:29
19	30	sialoadhesin	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:31
20	6	siglec	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:44
21	6413	sialoganglioside or (sialo adj ganglioside) or sialolipid or (sialo adj lipid) or (sialo adj tn) or (sialyl adj tn) or stn or neuac or sialoadhesin or siglec	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:45
22	658097	complex\$2	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:46
23	12	(sialoganglioside or (sialo adj ganglioside) or sialolipid or (sialo adj lipid) or (sialo adj tn) or (sialyl adj tn) or stn or neuac or sialoadhesin or siglec) near5 complex\$2	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 08:48
24	0	((sialoganglioside or (sialo adj ganglioside) or sialolipid or (sialo adj lipid) or (sialo adj tn) or (sialyl adj tn) or stn or neuac or sialoadhesin or siglec) near5 complex\$2) and (((435/7.21).CCLS.) or ((435/7.94).CCLS.) or ((435/7.95).CCLS.) or ((436/506).CCLS.) or ((436/507).CCLS.) or ((436/518).CCLS.) or ((436/827).CCLS.))	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:04
25	13126	multiple adj sclerosis	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:06
26	5745	immune adj complex	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:06
27	72	immunecomplex	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:06
28	1529	immunocomplex	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:07
29	6850	(immune adj complex) or immunecomplex or immunocomplex	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:07
30	13126	(multiple adj sclerosis) same (multiple adj sclerosis)	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:08
31	115	(multiple adj sclerosis) same ((immune adj complex) or immunecomplex or immunocomplex)	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:08

32	5	((435/7.21).CCLS.) or ((435/7.94).CCLS.) or ((435/7.95).CCLS.) or ((436/506).CCLS.) or ((436/507).CCLS.) or ((436/518).CCLS.) or ((436/827).CCLS.) and ((multiple adj sclerosis) same ((immune adj complex) or immunecomplex or immunocomplex))	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:08
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643,277

L Number	Hits	Search Text	DB	Time stamp
1	2	sialocomplex	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:39
2	6413	sialoganglioside or (sialo adj ganglioside) or sialolipid or (sialo adj lipid) or (sialo adj tn) or (sialyl adj tn) or stn or neuac or sialoadhesin or siglec	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:40
3	658097	complex\$2	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:41
4	12	(sialoganglioside or (sialo adj ganglioside) or sialolipid or (sialo adj lipid) or (sialo adj tn) or (sialyl adj tn) or stn or neuac or sialoadhesin or siglec ) near5 complex\$2	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:41
5	14	sialocomplex or ((sialoganglioside or (sialo adj ganglioside) or sialolipid or (sialo adj lipid) or (sialo adj tn) or (sialyl adj tn) or stn or neuac or sialoadhesin or siglec ) near5 complex\$2 )	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:49
6	2	("5173420").PN.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:52
7	3	("5194385").PN.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:54
8	3	("5011920").PN.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 09:58
9	2	("5158886").PN.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 10:00
10	124	(436/507).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 10:22
11	509	(436/813).CCLS.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 10:23
12	0	("l1 or l2").PN.	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 10:23
13	6414	sialocomplex or (sialoganglioside or (sialo adj ganglioside) or sialolipid or (sialo adj lipid) or (sialo adj tn) or (sialyl adj tn) or stn or neuac or sialoadhesin or siglec )	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 10:23
14	3	((436/813).CCLS.) and (sialocomplex or (sialoganglioside or (sialo adj ganglioside) or sialolipid or (sialo adj lipid) or (sialo adj tn) or (sialyl adj tn) or stn or neuac or sialoadhesin or siglec ))	USPAT; US-PGPUB; EPO; DERWENT	2002/07/29 10:23

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FILE LAST UPDATED: 25 Jul 2002 (20020725/ED)

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=> activate
ENTER NAME OF SAVED ITEM TO ACTIVATE OR (END) :multscler/a
ANSWER SET NOT ACTIVATED.
THE ANSWER SET WAS CREATED IN FILES 'BIOSIS, CA'.
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To use the ACTIVATE command, you must be in the same file environment
in which the answer set was created.
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=> activate  
ENTER NAME OF SAVED ITEM TO ACTIVATE OR (END):multscler/a  
L*** ( 20106)SEA FILE=BIOSIS ABB=ON PLU=ON L*** OR L*** OR L***  
L*** ( 129)SEA FILE=BIOSIS ABB=ON PLU=ON L*** AND L***  
L*** ( 46)SEA FILE=CA ABB=ON PLU=ON L*** AND L***
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L1 166 DUP REM L\*\*\*-L\*\*\* (9 DUPLICATES REMOVED)

=> s 11 not 2002/py  
L2 153 L1 NOT 2002/PY

=> s 12 not 2001/py  
L3 147 L2 NOT 2001/PY

=>

=> d 13 17 bib ab

L3 ANSWER 17 OF 147 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
AN 1993:200903 BIOSIS  
DN PREV199344097153  
TI Seric **immune complexes** in **multiple sclerosis** do not contain MBP epitopes.  
AU Geffard, Michel (1); Boulleme, Anne; Brochet, Bruno  
CS (1) Lab. Immunologie Pathologie, Univ. Bordeaux II, BP 66, 146 rue Leo  
Saignat, 33076 Bordeaux Cedex France  
SO Brain Research Bulletin, (1993) Vol. 30, No. 3-4, pp. 365-368.  
Meeting Info.: Satellite Symposium of the Third IBRO (International Brain  
Research Organization) World Congress of Neuroscience on Development,  
Plasticity, and Regeneration in the Spinal Cord: Cellular and Molecular  
Interactions Quebec, Quebec, Canada August 11-14, 1991  
ISSN: 0361-9230.  
DT Article  
LA English

=> d 13 21 bib ab

L3 ANSWER 21 OF 147 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
AN 1992:160579 BIOSIS  
DN BR42:76779  
TI ANTIBRAIN ANTIBODIES IN **MULTIPLE SCLEROSIS** PATIENTS.  
AU HENNEBERG A E; MAYLE D M; PFAU J; ELSNER U; KORNHUBER H H  
CS UNIV. ULM DEP. NEUROL., D-7900 ULM.  
SO THIRD INTERNATIONAL CONGRESS ON NEUROIMMUNOLOGY, JERUSALEM, ISRAEL,  
OCTOBER 27-NOVEMBER 1, 1991. J NEUROIMMUNOL. (1991) 0 (SUPPL 1), 183.  
CODEN: JNRIDW. ISSN: 0165-5728.  
DT Conference  
FS BR; OLD  
LA English

=> d 13 41 bib ab

L3 ANSWER 41 OF 147 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
AN 1987:189368 BIOSIS  
DN BA83:97492  
TI THE DETECTION OF BRAIN ANTIGENS WITHIN THE CIRCULATING **IMMUNE COMPLEXES** OF PATIENTS WITH **MULTIPLE SCLEROSIS**.  
AU FRIEDMAN J; BUSKIRK D; MARINO L J JR; ZABRISKIE J B  
CS DEP. BACTERIOL. IMMUNOL., ROCKEFELLER UNIV., NEW YORK, N.Y. 10021, USA.  
SO J NEUROIMMUNOL, (1987) 14 (1), 1-18.  
CODEN: JNRIDW. ISSN: 0165-5728.  
FS BA; OLD  
LA English  
AB **Immune complexes** isolated from sera of patients with  
**multiple sclerosis** (MS) were analyzed for their  
antigenic content. **Immune complexes** precipitated with  
polyethylene glycol were inoculated into rabbits. The antisera raised were

shown to react to MS and normal brain antigens by crossed immunoelectrophoresis, ELISA and nitrocellulose transfer. Additionally, these antisera reacted by co-precipitation with the measles nucleocapsid antigen. As persistent viral infection has not been shown to occur in MS, these studies support the possibility that brain antigens within the **immune complex** share antigenic determinants with a specific viral antigen seen earlier in life by the host.

=> d 13 43 bib ab

L3 ANSWER 43 OF 147 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
AN 1986:399731 BIOSIS  
DN BA82:85211  
TI ANTI-GLYCOLIPID ANTIBODIES AND THEIR **IMMUNE COMPLEXES**  
IN **MULTIPLE SCLEROSIS**.  
AU KASAI N; PACHNER A R; YU R K  
CS DEP. NEUROLOGY, YALE UNIV. SCH. MED, 333 CEDAR ST., NEW HAVEN, CT 06510.  
SO J NEUROL SCI, (1986) 75 (1), 33-42.  
CODEN: JNSCAG. ISSN: 0022-510X.  
FS BA; OLD  
LA English  
AB Antibody titers against myelin constituents in sera and CSF of patients with **multiple sclerosis** (MS) were examined by a solid-phase radioimmunoassay. Anti-GM4 and anti-galactocerebroside antibody titers were significantly elevated in the CSF of MS patients, but not anti-GM1 and anti-myelin basic protein antibodies. In sera of MS patients, the titers of antibodies against these myelin constituents were not elevated. Total IgG level was also significantly elevated in the CSF, but not in the sera of MS patients. **Immune complexes** from the CSF of MS patients were dissociated by acid-ultrafiltration. These data suggest that antibodies of the IgG class against GM4 and galactocerebroside are present in CSF of MS patients, and a significant number of them exist as **immune complexes** with their corresponding glycolipid antigens.

=> s 13 and (sialyl? or sialic or sialo?)  
L4 1 L3 AND (SIALYL? OR SIALIC OR SIALO?)

=> d 14 bib ab

L4 ANSWER 1 OF 1 CA COPYRIGHT 2002 ACS  
AN 112:18592 CA  
TI Anti-ganglioside GD1a monoclonal antibody MZ, MZ-producing cells, and MZ-containing reagent for diagnosis of cancer and systemic lupus erythematosus  
IN Shimada, Shizuo; Iwata, Daiji; Sato, Wakao  
PA Mitsui Toatsu Chemicals, Inc., Japan  
SO Eur. Pat. Appl., 13 pp.  
CODEN: EPXXDW  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 307186	A2	19890315	EP 1988-308273	19880907
	EP 307186	A3	19900314		
	EP 307186	B1	19940622		
	R: DE, FR, GB				
	JP 01067198	A2	19890313	JP 1987-221862	19870907
	JP 07116238	B4	19951213		
	CA 1314246	A1	19930309	CA 1988-576560	19880906

US 5192662	A	19930309	US 1988-241291	19880907
JP 08187081	A2	19960723	JP 1995-167874	19950612
JP 2635946	B2	19970730		
PRAI JP 1987-221862		19870907		

AB Disclosed are a novel anti-ganglioside GD1a monoclonal antibody (MZ) which is capable of recognizing ganglioside GD1a but is practically incapable of recognizing glycolipids GalCer, LacCer, Gb3, Gb4, GA1, GA2, GM1, GM2, GM3, GD1b, GT1b, GQ1b, Fuc-GM1, nLC4, and sialosyl nLC4; MZ-producing cells; an MZ-contg. reagent; and a method for the detection or quantification of GD1a using the reagent, e.g. to diagnose cancer, systematic lupus erythematosus (SLE), and diseases resulting from org. injury to the nervous system. Mice were immunized 4-15 times with formalin-treated *Salmonella minnesota*, and monoclonal antibodies were produced by std. techniques by fusion of their spleen cells with mouse myeloma NS-1 and screening of the clones. Serum from cancer or SLE patients was adsorbed on protein A-polystyrene, **immune complexes** were dissociated, the supernatant was extd. with CHCl<sub>3</sub>:MeOH (2:1), and the GD1a-contg. CHCl<sub>3</sub> layer was dried and dissolved in buffered saline contg. 1% bovine serum albumin. This soln. was placed in microtiter plate wells and incubated with polystyrene-immobilized MZ for 3 h at 37.degree., biotinylated MZ for 1 h at room temp., and peroxidase-labeled avidin for 1 h at room temp. After treatment with substrate, the absorbance was read and compared to a std. curve for GD1a detn. Cancer and SLE patients had higher GD1a levels than healthy subjects.